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LISTING OF CLAIMS:

27. (Currently Amended) A system for providing access to a personal computer having a location on the Internet defined by a dynamic IP address from a remote computer, the system comprising:

(a) a personal computer linked to the Internet, its location on the Internet being defined by either (i) a dynamic public IP address (publicly addressable), or (ii) a dynamic LAN IP address (publicly un-addressable), the personal computer being further linked to a data communication facility, the data communication facility being adapted to create and send a communication that includes [the then current dynamic public IP address] a then current dynamic public IP address; (publicly addressable) or dynamic LAN IP address (publicly un-addressable) of the personal computer;

(b) a locator server computer linked to the Internet, its location on the Internet being defined by a static IP address, and including a location facility for locating the personal computer; and

(c) a remote computer linked to the Internet, the remote computer including a communication facility, the communication facility being operable to create a request for communication with the personal computer, and send the request for communication to the locator server computer;

wherein the data communication facility includes data corresponding to the static IP address of the locator server computer, thereby enabling the data communication facility to create and send on an intermittent basis one or more communications to the locator server computer that include the then current dynamic public IP address or dynamic LAN IP address of the personal computer; and

wherein the locator server computer is operable to act as an intermediary between the personal computer and the remote computer by creating one or more communication sessions there between, said one or more communication sessions being created by the location facility, in response to receipt of the request for communication with the personal computer from the remote computer, by determining the then current location of the personal computer and creating a communication channel between the remote computer and the personal computer, the location facility being operable to

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create such communication channel whether the personal computer is linked to the Internet directly (with a publicly addressable) dynamic IP address or indirectly via an Internet gateway/proxy (with a publicly un-addressable dynamic LAN IP address).

28. (Cancelled) The system as claimed in claim 27, wherein the first computer is linked to the Internet directly or via an Internet gateway/proxy.

29. (Previously Presented) A system as claimed in claim 27, wherein the personal computer is linked to a database, and said system provides means for remotely accessing said database from the remote computer.

30. (Previously Presented) A system as claimed in claim 29, wherein said system enables communication settings associated with the data communication facility to be set remotely for the personal computer from the remote computer.

31. (Previously Presented) A system as claimed in claim 27, wherein said location facility enables the current location of the personal computer to be known to the locator server computer.

32. (Previously Presented) A system as claimed in claim 31, wherein the location facility includes a dynamic location directory, wherein said dynamic location directory is responsive to the communication from the personal computer, including data for locating and/or communicating with the personal computer, to dynamically store such data to a server database linked to the locator server computer.

33. (Previously Presented) A system as claimed in claim 32, wherein the location facility is responsive to the request from the remote computer for communication with the personal computer to retrieve the current location and port number or the current communication session associated with the personal computer from the dynamic location directory, and provide said current location and port number, or the current communication session, to the personal computer.

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34. (Previously Presented) A system as claimed in claim 32, wherein said data communication facility creates and sends the communication including the current location or the current communication session of the personal computer to the locator server computer periodically.
35. (Previously Presented) A system as claimed in claim 34, wherein said system further includes a security facility for restricting access to the locator server computer to one or more authorized users only.
36. (Previously Presented) A system as claimed claim 35, wherein said data communication facility further includes a communication interface for sending and receiving data communications.
37. (Previously Presented) A system as claimed in claim 27, wherein said data communication facility interfaces with data generating facilities linked to the database and the personal computer, so as to provide remote access to data created by the data generating facilities from the remote computer.
38. (Previously Presented) A system as claimed in claim 27, wherein said data communication facility further includes a private messaging and contact facility linked to the database for processing and managing messages and contact data in co-operation with said communication interface.
39. (Previously Presented) A system as claimed in claim 38, wherein said private messaging and contact facility includes a unified messaging facility and a contact information facility, each being linked to the database.
40. (Previously Presented) A system as claimed in claim 39, wherein said unified messaging facility enables the remote management of messages linked to the database and the personal computer from the remote computer.
41. (Previously Presented) A system as claimed in claim 40, wherein said unified messaging facility enables reading, replying and managing said messages linked to the personal computer remotely from the remote computer.

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42. (Previously Presented) A system as claimed in claim 41, wherein said messages include e-mails, facsimiles and/or voice mails.

43. (Previously Presented) A system as claimed in claim 42, wherein said unified messaging facility includes an e-mail message facility.

44. (Previously Presented) A system as claimed in claim 43, wherein said unified messaging facility further includes a fax message management facility.

45. (Previously Presented) A system as claimed in claim 44, wherein said unified messaging facility further includes a voice message facility.

46. (Currently Amended) A system for providing access to a personal computer from a remote computer, the personal computer being linked to the Internet, the location of the personal computer on the Internet being defined by either (i) a dynamic public IP address (publicly addressable), or (ii) a dynamic LAN IP address (publicly un-addressable), the personal computer being further linked to a data communication facility, the data communication facility being adapted to create and send a communication that includes [the then current dynamic public IP address] a then current dynamic public IP address (publicly addressable) or dynamic LAN IP address (publicly un-addressable) of the personal computer, the system comprising:

(a) a locator server computer linked to the Internet, its location on the Internet being defined by a static IP address, and including a location facility for locating the personal computer;

wherein the remote computer is also linked to the Internet, the remote computer including a communication facility, the communication facility being adapted to create a request for communication with the personal computer, and send the request for communication to the locator server computer;

wherein, the data communication facility is operable to access data corresponding to the static IP address of the locator server computer, thereby enabling the data

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communication facility to create and send on an intermittent basis one or more communications to the locator server computer that include the then current dynamic public IP address or dynamic LAN IP address of the personal computer; and

wherein the locator server computer is operable to act as an intermediary between the personal computer and the remote computer by creating one or more communication sessions there between, said one or more communication sessions being created by the location facility, in response to receipt of the request for communication with the personal computer from the remote computer, by determining the then current location of the personal computer and creating a communication channel between the remote computer and the personal computer, the location facility being operable to create such communication channel whether the personal computer is linked to the Internet directly with a (publicly addressable) dynamic IP address or indirectly via an Internet gateway/proxy (with a publicly un-addressable dynamic LAN IP address).

47. (Currently Amended) A method of providing access to a personal from a remote computer, the personal computer being linked to the Internet, its location on the Internet being defined by either (i) a dynamic public IP address (publicly addressable), or (ii) a dynamic LAN IP address (publicly un-addressable), the method comprising the steps of:

(a) providing a data communication facility on the personal computer, the data communication facility being adapted to create and send a communication that includes [the then current dynamic public IP address] a then current dynamic public IP address (publicly addressable) or dynamic LAN IP address (publicly un-addressable) of the personal computer;

(b) by operation of the data communication facility:

(i) obtaining the static IP address for a locator server computer, that includes a location facility for locating the personal computer;

(ii) sending the communication that includes the then current dynamic public IP address (publicly addressable) or dynamic LAN IP address (publicly un-addressable) of the personal computer to the locator server computer;

(c) receiving a request from the remote computer at the locator server computer to communicate with the personal computer;

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(d) in response to the request, the locator server computer acting as an intermediary between the personal computer and the remote computer by creating one or more communication sessions there between, said one or more communication sessions being created by the location facility, in response to receipt of the request for communication with the personal computer from the remote computer, by determining the then current location of the personal computer and creating a communication channel between the remote computer and the personal computer, the location facility being operable to create such communication channel whether the personal computer is linked to the Internet directly with a (publicly addressable) dynamic IP address or indirectly via an Internet gateway/proxy (with a publicly un-addressable dynamic LAN IP address).

48. (Previously Presented) The method claimed in claim 47, further comprising the step of the locator server computer storing the current location of the personal computer into a directory linked to the location facility, the current location being obtained from a communication sent by the personal computer to the locator server computer.

49. (Previously Presented) A computer readable memory having recorded thereon statements and instructions for execution by a computer to carry out the method of claim 47.

50. (Currently Amended) A computer program product for use on a server computer linked to the Internet and having a static IP address, for providing access to a personal computer from a remote computer, the personal computer being linked to the Internet, its location on the Internet being defined by either (i) a dynamic public IP address (publicly addressable), or (ii) a dynamic LAN IP address (publicly un-addressable), the computer program product comprising:

- (a) a computer usable medium;
- (b) computer readable program code recorded or storable in the computer useable medium, the computer readable program code defining a server computer program on the server computer wherein:

- (i) the server computer program is operable to enable a connection between the remote computer and the server computer; and

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(ii) the server computer program includes a location facility and is responsive to a request from the remote computer to communicate with the personal computer to act as an intermediary between the personal computer and the remote computer by creating one or more communication sessions there between, said one or more communication sessions being created by the location facility, in response to receipt of the request for communication with the personal computer from the remote computer, by determining [the then current location of the personal computer] a then current location of the personal computer and creating a communication channel between the remote computer and the personal computer, the location facility being operable to create such communication channel whether the personal computer is linked to the Internet directly (with a publicly addressable) dynamic IP address or indirectly via an Internet gateway/proxy (with a publicly un-addressable dynamic LAN IP address).

51. (Previously Presented) The computer program product claimed in claim 50, wherein the location facility is responsive to a communication from the personal computer including its current location to store the current location to a storage medium linked to the server computer.

52. (Currently Amended) A computer program product for use on a personal computer for providing access to the personal computer from a remote computer, the personal computer being linked to the Internet, its location on the Internet being defined by either (i) a dynamic public IP address (publicly addressable), or (ii) a dynamic LAN IP address (publicly un-addressable), the computer program product comprising:

- (a) a computer usable medium;
- (b) computer readable program code recorded or storable in the computer useable medium, the computer readable program code defining a data communication program on the personal computer wherein:

(i) the data communication program is operable to send a communication to a locator server computer, wherein the locator server computer is linked to a location facility and includes data for locating the personal computer; and

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(ii) the data communication program is operable to communicate with the remote computer, the locator server computer acting as an intermediary between the personal computer and the remote computer by creating one or more communication sessions there between, said one or more communication sessions being created by the location facility, in response to receipt of a request for communication with the personal computer from the remote computer, by determining [the then current location of the personal computer] a then current location of the personal computer and creating a communication channel between the remote computer and the personal computer, the location facility being operable to create such communication channel whether the personal computer is linked to the Internet directly (with a publicly addressable) dynamic IP address or indirectly via an Internet gateway/proxy (with a publicly un-addressable dynamic LAN IP address).

53. (Previously Presented) The computer program product as claimed in claim 52, wherein the personal computer is linked to the Internet directly or indirectly via an Internet gateway/proxy.
54. (Previously Presented) A computer program product as claimed in claim 53, wherein the personal computer is linked to a database linked to the data communication program, and said system provides means for remotely accessing said database linked to the personal computer from the remote computer.
55. (Previously Presented) A computer program product as claimed in claim 54, wherein said data communication program enables communication settings associated with the data communication program to be set remotely from the remote computer for the personal computer.
56. (Previously Presented) A computer program product as claimed in claim 55, wherein said data communication program enables the current location of the personal computer to be known to the locator server computer.
57. (Previously Presented) A computer program product as claimed in claim 56, wherein said data communication program creates and sends the

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communication including the current location or the current communication session of the personal computer to the locator server computer periodically.

58. (Previously Presented) A computer program product as claimed in claim 57, wherein said data communication program further includes, or is linked to, a communication interface for sending and receiving data communications.

59. (Previously Presented) A computer program product as claimed in claim 58, wherein said data communication program interfaces with data generating facilities linked to the database, so as to provide remote access to data created by the data generating facilities linked to the personal computer from the remote computer.

60. (Previously Presented) A computer program product as claimed in claim 59, wherein said data communication program further includes a private messaging and contact facility linked to the database for processing and managing messages and contact data in co-operation with said communication interface.

61. (Previously Presented) A computer program product as claimed in claim 60, wherein said private messaging and contact facility includes a unified messaging facility and a contact information facility, each being linked to the database.

62. (Previously Presented) A computer program product as claimed in claim 61, wherein said data communication program further includes, or is linked to, a remote message management facility linked to the database.

63. (Previously Presented) A computer program product as claimed in claim 62, wherein said unified messaging facility enables reading, replying and managing said messages linked to the personal computer remotely from the remote computer.

64. (Previously Presented) A computer program product as claimed in claim 63, wherein said messages include e-mails, facsimiles and/or voice mails.

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65. (Previously Presented) A computer program product as claimed in claim 64, wherein said unified messaging facility includes an e-mail message facility.
66. (Previously Presented) A computer program product as claimed in claim 65, wherein said unified messaging facility further includes a fax message management facility.
67. (Previously Presented) A computer program product as claimed in claim 66, wherein said unified messaging facility further includes a voice message facility.
68. (Cancelled) A computer program product for enabling enables access to a first computer linked to the Internet and having a dynamic IP address from a remote computer, the computer program product being for use on the remote computer, the computer program product comprising:
- (a) a computer usable medium;
 - (b) computer readable program code recorded or storable in the computer useable medium, the computer readable program code defining a data communication program on the first computer:
 - (i) the data communication program defines or is linked to a browser facility operable on the remote computer, and adapted to send a request to a second locator server computer for communication with the first computer;
 - (ii) the data communication is adapted to respond to the second locator server computer locating the first computer by engaging in a communication session between the remote computer and the first computer, the communication session being established by operation of a location facility linked to the second locator server computer.
69. (Previously Presented) The system claimed in claim 27, wherein once the communication channel is created between the remote computer and the personal computer, the personal computer is operable to receive and act on commands

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from the remote computer for remote control and/or remote access of the personal computer from the remote computer.

70. (Previously Presented) The system as claimed in claim 46, wherein once the communication channel is created between the remote computer and the personal computer, the personal computer is operable to receive and act on commands from the remote computer for remote control and/or remote access of the personal computer from the remote computer.

71. (Previously Presented) The method claimed in claim 47, further comprising the step of the personal computer receiving and acting on commands from the remote computer for remote control and/or remote access of the personal computer from the remote computer.

72. (Previously Presented) The computer program product claimed in claim 50, wherein by operation of the location facility the personal computer is operable to receive and act on commands from the remote computer for remote control and/or remote access of the personal computer from the remote computer.

73. (Previously Presented) The computer program product claimed in claim 72, wherein by operation of the location facility the personal computer is operable to receive commands from the remote computer for remote control and/or remote access of the personal computer from the remote computer.